

ECS Configuration Change Request

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1. Originator Royal White Jr.	2. Log Date: 9/8/98	3. CCR #: 98-0990	4. Rev: -	5. Tel: x1051	6. Off: 2038R	7. Org. DEV
Title of Change: SQL Server 11.0.3 Regression Testing in the Mini-DAAC Stability Lab (TS3 Mode)						
9. Originator Signature <i>Royal G. White Jr.</i>	10. Date: 9/8/98	11. Class IN	12. Type: CCR	13. Need Date: 09/11/98		
14. Office Manager Signature <i>Mumma M. M...</i>	15. Date: 9/8/98	16. Date CCB Decision Needed: 09/09/98	17. Category of Change: Category	18. Priority: Emergency		
19. Documentation/Drawings Impacted: N/A 930 TDM CCB 930 TDM CCB <i>rw</i>		20. Schedule Impact:	21. CI(s) Affected:			
22. Release Affected:	23. Date due to Customer:	24. Impl. Date: 09/11/98	25. Effectivity of Change:	26. Est. Cost None		
27. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> GSFC CCR <input type="checkbox"/> Tech Ref. <input type="checkbox"/> Other:						
28. Description of Change: (use additional Sheets if necessary) Sybase SQLServer 11.0.3 needs to be tested and deployed immediately because Sybase has discontinued support for our baseline version (11.0.2) and because 11.0.2 is not year 2000 compliant.						
29. Proposed Solution: (use additional sheets if necessary) Request RTSC install and configure the current baseline version of SQL Server(11.0.2), SQS, ClearCase, mount points, and databases in the mini-DAAC on "cats" in the same way as "journey" in the mini-DAAC so that Sybase SQLServer 11.0.3 can later be installed on top of 11.0.2 and regression tests may be performed by the Stability Lab (TS3 mode). Attached is a list of areas to be installed or configured.						
30. Alternate Solution: (use additional sheets if necessary) None.						
31. Consequences if Change(s) are not approved: (use additional sheets if necessary) ECS will be using an unsupported vendor product in operations.						
32. Does Change Affect Any of the following (Please Explain on additional sheet): <input type="checkbox"/> Maintenance Training <input type="checkbox"/> Performance <input type="checkbox"/> Operation Training <input type="checkbox"/> Safety <input type="checkbox"/> Service <input type="checkbox"/> Support <input type="checkbox"/> Test						
33. Organization(s) Affected: <input type="checkbox"/> CM <input type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input type="checkbox"/> QO <input checked="" type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input checked="" type="checkbox"/> RTSC <input type="checkbox"/> Sci. Data Eng <input type="checkbox"/> Security <input type="checkbox"/> Sys. Dev. <input type="checkbox"/> Sys. Eng. <input type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other						
34. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> Mini-DAAC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> Other						
35. Board Comments: <i>Ensure completion of Action Items.</i>				36. Work Assigned To: <i>RTSC</i>		
37. Release Authorized (For CM Use Only): <input type="checkbox"/> Yes <input type="checkbox"/> No			38. CM Verified/Signature and Date			
39. EDF/REL2 CCB Chair (Sign/Date): <i>[Signature]</i> 9/8/98		40. Disposition: <input type="checkbox"/> App <input checked="" type="checkbox"/> Ap/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS		41. ESDIS ERB Concurrence:		
42. ECS CCB Chair (Sign/Date):		43. Disposition: App <input type="checkbox"/> A/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/>		44. CCR Closed Date:		

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ADDITIONAL SHEET

CCR #: 98-0990

Rev: -

Originator: Royal White Jr. Telephone: x1051

Office: 2038R

Title of Change: SQL Server 11.0.3 Regression Testing in the Mini-DAAC Stability Lab (TS3 Mode)

Request RTSC install Sybase SQL Server version 11.0.2.1/P/SGL/IRIX 5.3/EBF 6721, SQS version 2.2.2.29A, and ClearCase on cats (cats_svr) and configure the same as journey (journey_svr). Add cats_svr and SQS server to interfaces file.

Request RTSC copy the EcDsScienceDataServer1_TS3 database from journey to cats retaining all sizes, options, logins, ids, configurations settings, etc.

Request RTSC do a full database dump of EcDsScienceDataServer1_TS3, master and tempdb databases in the mini-DAAC on cats_svr and truncate the transaction log afterward (ideally around 12AM).

Request RTSC do database transaction log only dumps of cats_svr databases (see above) twice a day and truncate the transaction log after the transaction log dump (ideally at 8am and 4pm log).

Request RTSC delete the backed up transaction logs after a few days.

Request RTSC set the server configuration variable: 'allow update to system tables' to 0 on cats_svr, set the master database size to 25 MB (on master device) and set the tempdb option "trunc log on checkpoint" to true.

Request RTSC create "/usr/ecs/TS3/COTS/sybase/sybase_dumps" for database dumps.

Request RTSC set EcDsScienceDataServer1_TS3 database on cats_svr to have only the "select into/bulkcopy" db option.

Request RTSC set Sybase SQLServer cats_svr configuration variables to match journey_svr configuration variables, especially: "number of user connections", "number of open databases", "stack size", and "total memory".

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